

A NEW COMBINATION IN PASSIFLORACEAE

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As a result of a revision of the species of *Passiflora* with uncinata trichomes (Doctoral Dissertation, Duke University), the following transfer is necessary.

PASSIFLORA LOBATA (Killip) Hutch. ex J. MacDougal, comb. nov.

Tetrastylis lobata Killip, J. Wash. Acad. Sci. 16:368. 1926.
--TYPE: Costa Rica, San José, La Hondura, 1200-1500 m,
9 Mar 1926, Standley & Valerio 51917 (holotype: US!; photograph of holotype: DUKE!, MEXU!; isotypes: NY!, US!; photograph of isotype at US: DUKE!).

Passiflora pediculata auct. non Mast.: Woodson & Schery, as to specimen cited and description in part, Ann. Missouri Bot. Gard. 45:12 [Flora of Panama]. 1958.

Passiflora tetrastylus Denno & Donnelly, Ecol. Entomology 6: 11. 1981. Nom. nudum, sphaema pro P. lobata.

In transferring this species from the genus Tetrastylis Barb. Rodr. to Passiflora L. I acknowledge the suggestion, and perhaps intention, to do so by Professor Hutchinson in his monumental work on the genera of flowering plants (1967). Though he made the new combination in his key to the genera of Passifloraceae, he failed to make direct reference to the basionym. Hutchinson did, however, recognize a monotypic genus Tetrastylis, correctly pointing out that when Killip added P. lobata to the genus (see discussion in Killip 1926) he created an unnatural group. Presting (1965) presented palynological evidence for the biphyletic nature of Killip's circumscription, and S. Tillet (in Benson et al. 1975) correctly associated the species with P. adenopoda DC. and P. warmingii Mast. [= P. morifolia Mast.]. Tillet reiterated the biphyletic nature of the genus Tetrastylis as delineated by Killip.

Literature cited:

- BENSON, W.W., K.S. BROWN, Jr., & L.E. GILBERT. 1975. Evolution 29:659-680.
HUTCHINSON, J. 1967. The Genera of Flowering Plants, vol. 2:364-374.
KILLIP, E.P. 1926. J. Wash. Acad. Sci. 16(13):365-369.
PRESTING, D. 1965. Pollen & Spores 7:193-247.